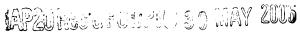


PTO-1390 (Rev. 07-2005) Approved for use through 03/31/2007. OMB 0651-0021

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ATTORNEY'S DOCKET NUMBER TRANSMITTAL LETTER TO THE UNITED STATES 43289-230684 DESIGNATED/ELECTED OFFICE (DO/EO/US) U.S. APPLICATION NO. **CONCERNING A SUBMISSION UNDER 35 U.S.C. 371** INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED INTERNATIONAL APPLICATION NO. PCT/FI2004/050175 24 November 2004 27 November 2003 TITLE OF INVENTION A CIRCUIT BOARD AND A METHOD FOR ITS MANUFACTURE APPLICANT(S) FOR DO/EO/US Joni Hietala Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. X This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). 4. x A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. C. d. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. A substitute specification. A power of attorney and/or change of address letter. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. A second copy of the published International Application under 35 U.S.C. 154(d)(4). 18 A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 19.



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Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).								0.00				
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Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +							\$					
sy an appropriate cover sheet (37 CFR 3.26, 3.31). \$44.00 per property												
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IAP20 Rec'd PCT/PTO 30 MAY 2006

PTO/SB/17 (01-06)
Approved for use through 7/31/2006. OMB 0651-0032
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Fees pursuant to ti	ns Act, 2005 (H.F	R. 4818).	Complete if Known									
·	ITTAL	-	Application Nur		Not Yet Assigned							
					Filing Date		CAngerreatil Headth 55					
	For FY	2000	6		First Named In	ventor	Jeni djetala	00,				
				Examiner Name		Not Yet Assigned						
	See 37 CFR 1.27	7	Art Unit		N/A							
TOTAL AMOUN	IT OF PAYMEN	T	(\$) 1,430.0	0	Attorney Docket	No.	43289-230684					
METHOD OF PAYMENT (check all that apply)												
Check Credit Card Money Order Other (please identify):												
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	For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)											
· x Ch	arge fee(s) indic	ated be	low		Charg	ge fee(s) ind	dicated below, ex	cept for th	ne filing fee			
X Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17												
FEE CALCUL	ATION (All th	e fees	below are di	ue upo	n filing or may	be subje	ct to a surcha	rge.)				
1. BASIC FILING	G, SEARCH, AN											
		FILIN	G FEES Small Entity	SE	ARCH FEES Small Entity		NATION FEES Small Entity					
Application Ty	pe <u>Fe</u>	e (\$)	Fee (\$) Fee (\$			Fee (\$)	Fee (\$)	Fees Paid (\$)				
Utility	3	300	150	500	250	200	100					
Design	2	200	100	100	50	130	65					
Plant	2	200	100	300	150	160	80					
Reissue	3	300	150	500	250	600	300					
Provisional	2	200	100	0	0	0	0					
2. EXCESS CLA	IM FEES								Small Entity			
Fee Description									<u>Fee (\$)</u>			
Each claim over 20 (including Reissues)								50	25			
Each independent claim over 3 (including Reissues)									100			
Multiple depend	ent claims							360	180			
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3. APPLICATIO	N SIZE FEE		_						_			
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).												
Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)												
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Non-English	Specification,	\$130 fe	e (no small en	tity disc	ount)							
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SUBMITTED BY		7	/	1/								
Signature	411	, /	1	\mathcal{U}	Registration No.	37,134	Telephone	(202) 34	4-4936			
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